WEA 3 0 SODE

TENT & TRADE

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to resp

# **TRANSMITTAL FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

pond to a collection of information	unless it displays a valid OMB control number
Application Number	10/747855-Conf. #2748
Filing Date	December 29, 2003
First Named Inventor	Leonid A. Kozhemyakin
Art Unit	1654
Examiner Name	J. E. Russel
Attorney Docket Number	P0633.70014US01

ENCLOSURES (Check all that apply)									
Fee Transmittal Form	Drawing(s)	][	After Allowance Communication to TC						
Fee Attached	Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences						
Amendment/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)						
After Final	Petition to Convert to a Provisional Application		Proprietary Information						
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Addres	ss [	Status Letter						
Extension of Time Request	Terminal Disclaimer		X Other Enclosure(s) (please Identify below):						
Express Abandonment Request	Request for Refund		Return Receipt Postcard						
X Information Disclosure Statement	CD, Number of CD(s)	_							
Certified Copy of Priority Document(s)	Landscape Table on CD								
Reply to Missing Parts/ Incomplete Application	Remarks								
Reply to Missing Parts under 37 CFR 1.52 or 1.53									
	URE OF APPLICANT, ATTORNEY	/, OR /	AGENT						
WOLF, GREENFIELD & SACKS, P.C.									
Signature									
Printed name Timothy J. Oyen Pr	n.D.								
Date 5/24/00	Reg.	. No.	36,628						

Certificate of Mailing Under 37 CFR 1.8(a)  I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal S the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  Dated:  Signature:  (Angela M. Griffith)	ervice on



DOCKET NO.: P0633.70014US01

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Kozhemyakin, et al.

Serial No .:

10/747,855

Confirmation No.:

2748

Filed:

December 29, 2003

For:

METHODS FOR PRODUCTION OF OXIDIZED

GLUTATHIONE COMPOSITE WITH CIS-DIAMMINEDICHLOROPLATINUM AND PHARMACEUTICAL COMPOSITIONS BASED THEREOF REGULATING METABOLISM, PROLIFERATION, DIFFERENTIATION AND

APOPTOTIC MECHANISMS FOR NORMAL AND

TRANSFORMED CELLS

Examiner:

Jeffrey E. Russel

Art Unit:

1654

## **CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the day of 1004, 2009

#### MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## STATEMENT FILED PURSUANT TO THE DUTY OF DISCLOSURE UNDER 37 C.F.R. §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicants request consideration of this Information Disclosure Statement.

### PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114. 1010715.1

Serial No.: 10/747,855 -2 - Art Unit: 1654

Conf. No.: 2748

No fee or certification is required.

#### PART II: Information Cited

The Applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified PTO/SB/08). The order of presentation of the references should not be construed as an indication of the importance of the references.

## PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

- 1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
- 2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
- 3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Serial No.: 10/747,855

Conf. No.: 2748

- 3 -

Art Unit: 1654

Respectfully submitted,

By:

Timothy J. Oyer, Ph.D., Reg. No. 36,628 Tani Chen, Sc.D., Reg No. 52,728

Wolf, Greenfield & Sacks, P.C.

600 Atlantic Avenue

Boston, Massachusetts 02210-2206

Telephone: (617) 646-8000

Docket No.: P0633.70014US01

Date: <u>M47 24</u>, 2006 xNDDx FORM PTO F449/A and Bernodified PTO/SB/08) APPLICATION NO.: 10/747,855 ATTY. DOCKET NO.: P0633.70014US01 December 29, 2003 FILING DATE: CONFIRMATION NO.: 2748 INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT: Kozhemyakin, et al. Jeffrey E. Russel GROUP ART UNIT: 1654 **EXAMINER:** of 6 Sheet 1

### U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or Issue	
Initials #	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
-		5,206,220		Hilton	04/27/1993	
		5,208,249		Rowe, et al.	05/04/1993	

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Cite Foreign Patent Document		nent	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
		Office/ Country	Number	Kind Code	Document	Cited Document MM-DD-YYYY	(Y/N)
		JP	10-59839				(abstract)
		JP	62-221698				(abstract)
		JP	4-9336				(abstract)

## OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
,		Ahmed, K.A., et al., "Nonenzymic Reactivation of Reduced Bovine Pancreatic Ribonuclease by Air Oxidation and by Glutathione Oxidoreduction Buffers," <i>The Journal of Biological Chemistry</i> , Vol. 250, No. 21, pp. 8477-8482 (1975).	
		Araie, M., et al., "Effect of Oxidized Glutathione on the Barrier Function of the Corneal Endothelium," <i>Investigative Ophthalmology &amp; Visual Science</i> , Vol. 29, pp. 1884-1887 (1988)	
		Aukrust, P., et al., "Increased Levels of Oxidized Glutathione in CD4 <sup>+</sup> Lymphocytes Associated With Disturbed Intracellular Redox Balance in Human Immunodeficiency Virus Type 1 Infection," <i>Blood</i> , Vol. 86, No. 1, pp. 258-267 (1995).	
		Barbato, G., et al., "Inhibitor binding induces active site stabilization of the HCV NS3 protein serine protease domain, <i>The EMBO Journal</i> , Vol. 19, No. 6, pp. 1195-1206 (2000).	
		Barot-Ciorbaru, R., et al., "Immunomodulators from Nocardia opaca," Forum on immunomodulators, pp. 63-77 (1995).	
		Beckett, G. J., et al., "Glutathione S-Transferases: Biomedical Applications," Advances in Clinical Chemistry, Vol. 30, pp. 281-381 (1993).	•
		Beutler. E., "Nutritional and Metabolic Aspects of Glutathione," <i>Annu. Rev. Nutr.</i> , Vol. 9, pp. 287-302 (1989).	
		Blight, K.J., et al., "Molecular virology of hepatitis C virus: an update with respect to potential antiviral targets," <i>Antiviral Therapy</i> , Vol. 3, pp. 71-81 (1998).	
		Bloy, C., et al., "RU 41740 (Biostim), an immunomodulating agent from bacterial origin," Forum on immunomodulators, pp. 85-100 (1995).	
		Bouffard, P., et al., "An <i>in Vitro</i> Assay for Hepatitis C Virus NS3 Serine Proteinase," V <i>irology</i> , Vol. 209, pp. 52-59 (1995).	
		Butkiewicz, N, et al., "Virus-Specific Cofactor Requirement and Chimeric Hepatitis C Virus/GB Virus B Nonstructural Protein 3," <i>Journal of Virology</i> , Vol. 74, No. 9, pp. 4291-4301 (2000).	
		Butkiewicz, N. J., et al., "Hepatitis C NS3 Protease: Restoration of NS4A Cofactor Activity by N-Biotinylation of Mutated NS4A Using Synthetic Peptides," <i>Biochemical and Biophysical Research Communications</i> , Vol. 267, pp. 278-282 (2000).	

#### MAY 3 0 2006 FORM Par Q<sub>1,1,4,4,9,6</sub> and B (modified PTO/SB/08) ATTY. DOCKET NO.: P0633.70014US01 APPLICATION NO.: 10/747,855 December 29, 2003 CONFIRMATION NO.: 2748 FILING DATE: INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT: Kozhemyakin, et al. GROUP ART UNIT: 1654 **EXAMINER:** Jeffrey E. Russel 2 of 6 Sheet

	OTHER ART — NON PATENT LITERATURE DOCUMENTS	
	Calabrese, F., et al., "Liver cell Apoptosis in Chronic Hepatitis C Correlates With Historical But Not Biochemical Activity or Serum HCV-RNA Levels," <i>Hepatology</i> , Vol. 31, No. 5, pp. 1153-1159 (2000).	
-	Carreno, V., et al., "A phase I/II study of recombinant human interleukin-12 in patients with chronic hepatitis B*," <i>Journal of Hepatology</i> , Vol. 32, pp. 317-324 (2000).	
	Cerretani, M., et al., "A High-Throughput Radiometric Assay for Hepatitis C Virus NS3 Protease," Analytical Biochemistry, Vol. 266, pp. 192-197 (1999).	
	Chen, M., et al., "Human Murine Antibody Recognition is Focused on the ATPase/Helicase, But Not the Protease Domain of the Hepatitis C Virus Nonstructural 3 Protein," <i>Hepatology</i> , Vol. 28, pp. 219-224 (1998).	
	Cirelli, R., et al., "Interferons in human papillomavirus infections," <i>Antiviral Research</i> , Vol. 24, pp. 191-204 (1994).	
	Cohen, G., "Enzymatic/Nonenzymatic Sources of Oxyradicals and Regulation of Antioxidant Defenses," <i>Annals New York Academy of Sciences</i> , pp. 8-14.	
-	De Flora, S., et al., "Antioxidant Activity and Other Mechanisms of Thiols Involved in Chemoprevention of Mutation and Cancer," <i>The American Journal of Medicine</i> , Vol. 91, pp. 122-130 (1991).	
	Devlin, et al., "Glutathione, Amino Acid Metabolism II: Metabolism of the Individual Amino Acids," <i>Textbook of Biochemistry with Clinical Correlations</i> , 3 <sup>rd</sup> Edition, pp. 522-528 (1992).	
	Dienstag, J. L., et al., "Lamivudine as Initial Treatment for Chronic Hepatitis B in the United States," <i>The New England Journal of Medicine</i> , Vol. 341, No. 17, pp. 1256-1263 (1999).	
	Dillman, R. O., "The Clinical Experience with Interleukin-2 in Cancer Therapy," Cancer Biotherapy, Vol. 9, No. 3, pp. 183-209 (1994).	
	Droge, W., et al., "Functions of glutathione and glutathione disulfide in immunology and immunopathology," <i>The FASEB Journal</i> , Vol. 8, pp. 1132-1138 (1994).	
	Estrela, J.M., et al., "Regulation of glutathione metabolism in Ehrilch ascites tumour cells," <i>Biochem. J.</i> , Vol. 286, pp. 257-262 (1992).	
	Fabris, P., et al., "TTV infection in patients with acute hepatitis of defined aetiology and in acute non-A-E hepatitis," <i>Journal of Hepatology</i> , Vol. 32, pp. 661-665 (2000).	
	Fan, X.G., et al., "Circulating Th1 and Th2 cytokines in patients with hepatitis C virus infection,"  Mediators of Inflammation, Vol. 7, pp. 295-297 (1998).	
	Forman, A., "Neurologic Complications of Cytokine Therapy," <i>Oncology</i> , Vol. 8, No. 4, pp. 105-117 (1994).	
	Gallinari, P., et al., "Multiple Enzymatic Activities Associated with Recombinant NS3 Protein of Hepatitis C Viris," J. Virol, Vol. 72, No. 8, pp. 6758-6769 (1998).	
	Galter, D., et al., "Distinct effects of glutathione disulphide on the nuclear transcription factors kB and the activator protein-1," Eur. J. Biochem., Vol. 221, pp. 639-348 (1994).	
	Garaci, E., et al., "Combination therapy with BRMs in cancer and infectious diseases," Mechanisms of Ageing and Development, Vol. 96, pp. 103-116 (1997).	<del>, , , , , , , , , , , , , , , , , , , </del>
	Gillan, E., et al., "Colony-Stimulating Factors in the Modulation of Sepsis," New Horizons, Vol. 1, No. 1, pp. 96-109 (1993)	
	Gillis, D., et al., "Active versus passive immunization against hepatitis A in the Israel defence forces: a cost-benefit analysis," <i>Vaccine</i> , Vol. 18, pp. 3005-3010 (2000).	
	Giugliano, D., et. al., "Diabetes Mellitus, Hypertension, and Cardiovascular Disease: Which Role for Oxidative Stress?," <i>Metabolism</i> , Vol. 44, No. 3, pp. 363-368 (1995).	
	"Glutathione," Unknown Dictionary (Russian) and translation, p. 979.	
	Gregory, C.D., "Apoptosis: a role in neoplasia?," Cell Proliferation, Ch. 13, pp. 342.	

#### OIPE MAY 3 0 2006 FORM PTO-1449//and B (modified PTO/SB/08) APPLICATION NO.: 10/747,855 ATTY. DOCKET NO.: P0633.70014US01 FILING DATE: December 29, 2003 CONFIRMATION NO.: 2748 INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT: Kozhemyakin, et al. GROUP ART UNIT: 1654 Jeffrey E. Russel **EXAMINER:** of 6 3 Sheet

	OTHER ART — NON PATENT LITERATURE DOCUMENTS	
	Gruner, N.H., et al., "Association of Hepatitis C Virus-Specific CD8+ T Cells with Viral Clearance	
	in Acute Hepatitis C," The Journal of Infectious Diseases, Vol. 181, pp. 1528-1536 (2000).	
	Gwack, Y., et al., "Characterization of RNA Binding Activity and RNA Helicase Activity of the	
	Hepatitis C Virus NS3 Protein," Biochemical and Biophysical Research Communications, Vol. 225,	
	pp. 654-659 (1996).	
	Hack, C.E., et al., "C1-inhibitor substitution therapy in septic shock and in the vascular leak	
İ	syndrome induced by high doses of interleukin-2," <i>Intensive Care Med.</i> , Vol. 19, pp. S19-S28	
	(1993).  Hansson, M., et al., "The Colony Stimulating Factors," Med. Oncol. & Tumor Pharmacother, Vol.	
	10, No. 1/2, pp. 5-12 (1993).	
	Hargrove, M.E., "Regulation by Glutathione of the Activation and Differentiation of IL-4-	
	Dependent Activated Killer Cells," Cellular Immunology, Vol. 149, pp. 433-443 (1993).	
	Hayashi, J., et al, "A Relationship between the Evolution of Hepatitis C and Variants, Liver	
	Damage, and Hepatocellular Carcinoma in Patients with Hepatitis C Viremia," The Journal of	
•	Infectious Diseases, Vol. 181, pp. 1523-1527 (2000).	
	Hieber, U., et al., "Tumor Necrosis Factor for the Treatment of Malignancies," Oncology, Vol. 51,	
	pp. 142-153 (1994).	
	Hockenbery, D.M., "Bcl-2 Functions in an Antioxidant Pathway to Prevent Apoptosis," Cell, Vol.	
	75, pp. 241-251 (1993).	
	Holmlund, J. T., "Cytokines," Cancer Chemotherapy and Biological Response Modifiers Annual,	
	Vol. 14, pp. 150-206 (1993).	
	Hope, D. B., et al., "A Highly Potent Analogue of Oxytocin, Desamino-oxytocin," The Journal of	
	Biological Chemistry," Vol. 237, No. 5, pp. 1563-1566 (1962).	
	Hou-Jun, Y., et al., "N-S phosphoryl migration in phosphoryl glutathion," <i>Int. J. Peptide Res.</i> , Vol.	
	42, pp. 39-43 (1993).  Hultgren, C., et al., "The antiviral compound ribavirin modulates the T helper (Th) 1/Th2 subset	
	balance in hepatitis B and C virus-specific immune responses," Journal of General Virology, Vol.	
	79, pp. 2381-2391 (1998).	
	Jones, R.J., et al., "Undetectable serum caeruloplasmin in a woman with chronic hepatitis C	
	infection," J. Hepatol, Vol. 4, pp. 703-704 (2000).	
	Kamber, B., et al, "The Synthesis of Cystine Peptides by Iodine Oxidation of S-Trityl-cysteine and	
	S-Acetamidomethyl-cystein Peptides," <i>Helvetic Chimica Acta</i> , Vol. 63, pp. 899-915 (1980).	
	Kato, E., et al., "Conversion of Thiols into Disulfides with Diethyl Bromomalonate," Chem. Pharm.	
	Bull., Vo. 34, pp. 486-495 (1986).	
1	Kehrer, J. P., et al., "Cellular Reducing Equivalents and Oxidative Stress," Free Radical Biology &	
	Medicine, Vol. 17, No. 1, pp. 65-75 (1994).	
	Keusch, G. T., "Antioxidants in Infection," J. Nutr. Sci. Vitaminol., Vol. 39, pp. S23-S33 (1993).	
	Knodell Histological Activity Index (web page) last accessed 3/6/01	
	Kozhemyakin, L.A., et al., "Glutoxim, a disulfide-containing hexapeptide, ensures a favorable	
	survival outcome and better tolerability of chemotherapy in patients with Stage III-IV non-small-cell lung cancer," <i>Novelos Power Point Presentation</i> , 4 <sup>th</sup> Annual International Lung Cancer	
	Conference, Greece, 4/27/01	
	Krieter, H., et al., "Infusion of Oxidized Glutathione Enhances Postischemic segment-shortening in	
	dog hearts," Cardioscience, Vol. 5, No. 2, pp. 115-126 (1994).	
	Kyono, K., et al., "Detection of Hepatitis C Virus Helicase Activity Using the Scintillation	
	Proximity Assay System," Analytical Biochemistry, Vol. 257, pp. 120-126 (1998).	

	P E 1800.				
FORW PTO-1449/A and B (modified PTO/SB/08)				APPLICATION NO.: 10/747,855	ATTY. DOCKET NO.: P0633.70014US01
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				FILING DATE: December 29, 2003	CONFIRMATION NO.: 2748
				APPLICANT: Kozhemyakin, et a	al.
[ 		<del>                                     </del>		GROUP ART UNIT: 1654	EXAMINER: Jeffrey E. Russel
Sheet	4	of	6	GROOT ART OTHER 1034	DATAMINER. Jeffley E. Russel

	OTHER ART — NON PATENT LITERATURE DOCUMENTS	
	Lau, D., et al., "Hepatitis G Virus and Human Immunodeficiency Virus Coinfection: Response to	
•	Interferon-α Therapy," The Journal of Infectious Diseases, Vol. 180, pp. 1334-1337 (1999).	<del></del>
	Lee, J.H., et al., "Antiviral Effect of Human Recombinant Interleukin-12 in Patients Infected with	
	Hepatitis C Virus," Journal of Medical Virology, Vol. 60, pp. 264-268 (2000).	
:	Li, C., et al., "Complete Regression of Well-established Tumors Using a Novel Water-Soluble	
	Poly(L-Glutamic Acid)-Paclitaxel Conjugate," Cancer Research, Vol. 58, pp. 2404-2409 (1998).	<del></del>
	Lyttle, M.H., et al., "Isozyme-Specific Glutathione-S-Transferase Inhibitors: Design and	
	Synthesis," J. of Medicinal Chemistry, Vol. 37, pp. 189-194 (1994).	
	Lyttle., M.H., et al., "Giutathione-S-transferase Activates Novel Alkylating Agents," J. Med. Chem.,	
	Vol. 37, pp. 1501-1507 (1994).	
	Malik, A.H., et al, "Chronic Hepatitis B Virus Infection: Treatment Strategies for the Next	
	Millennium," Annals of Internal Medicine, Vol. 132, No. 9 (2000).	
	Malnick, S.D., et al., "Treatment of Chronic Hepatitis C Virus Infection," <i>The Annuals of</i>	
	Pharmacotherapy, Vol. 34, pp. 1156-1164 (2000).  McHutchinson, J.G., et al., "A Pilot Study of Daily Subcutaneous Interleukin-10 in Patients with	
	Chronic Hepatitis C Infection," Journal of Interferon and Cytokine Research, Vol. 19, 1265-1270 (1999).	
· -	Meister, A., et al., "Glutathione," <i>Ann. Rev. Biochem.</i> , Vol. 52, pp. 711-760 (1983).	
	Meyer, M. et al., "H <sub>2</sub> O <sub>2</sub> and antioxidants have opposite effects on activation of NF-xB and AP-1 in	
	intact cells: AP-1 as secondary antioxidant-responsive factor," <i>The EMBO Journal</i> , Vol. 12, No. 5,	
	pp. 2005-2015 (1993).	
	Michiels, C., et al., "Importance of SE-Glutathione Peroxidase, Catalase, and CU/ZN-SOD for Cell	
	Survival Against Oxidative Stress," Free Radical Biology & Medicine, Vol. 17, No. 3, pp. 235-248	
	(1994).	
	Missale, G., et al., "Mediatori citochinici nel'infiammazione acuta e nei fenomeni di cronicizzazione	(abstract)
	delle epatiti virali," Ann. Ital. Med. Int., Vol. 10, pp. 14-18 (1995).	(40044401)
	Mittelman, M., et al., "Clinical Application of Recombinant Erythropoietin in Myelodyspliasia,"	****
	Hematology/Oncology Clinics of North America, Vol. 8, No. 5, pp. 993-1009 (1994).	
	Morstyn, G., et al, "Hematopoietic growth factors in cancer chemotherapy," Cancer Chemotherapy	
	and Biological Response Modifiers Annual, Vol. 14, pp. 353-370 (1993).	
	Murray, H. W., "Interferon-Gamma and Host Antimicrobial Defense: Current and Future Clinical	
	Applications," The American Journal of Medicine, Vol. 97, pp. 459-467 (1994).	
	Neidhart, J. A., "Hematopoietic Cytokines," Cancer, Vol. 72, No. 11, pp. 3381-3386 (1993).	
	Nelson, D.R., et al., "Interleukin 10 Treatment Reduces Fibrosis in Patients with Chronic Hepatitis	
	C: A Pilot Trial of Interferon Nonresponders," Gastroenterology, Vol. 118, pp. 655-660 (2000).	
	Nelson, S., "Role of Granulocyte Colony-Stimulating Factor in the Immune Response to Acute	
	Bacterial Infection in the Nonneutropenic Host: An Overview," Clinical Infectious Diseases, Vol.	
	18, pp. 197-204 (1994).	
	Nemunaitis, J., "User of hematopoietic growth factors in marrow transplantation," Current Opinion	
	in Oncology, Vol. 6, pp. 139-145 (1994).	
	Nishida, T., et al., "The Network Structure of Corneal Fibroblasts in the Rat as Revealed by	
	Scanning Electron Microscopy," Investigative Ophthalmology & Visual Science, Vol. 29, pp. 1887-	
LL	1890 (1988).	
	Offenstadt, G., et al., "Cytokines et etats infectieux graves," Path Biol., Vol. 41, pp. 820-831 (1993).	
	Pol, S., et al., "Combination of Ribavirin and Interferon-Alfa Surpasses High Doses of Interferon-	
1	Alfa Alone in Patients with Genotype-1b-Related Chronic Hepatitis C," <i>Hepatology</i> , Vol. 31, No. 6,	
	pp. 1338-1344 (2000).	

#### MAY 3 0 2006 FORM R TO 1449 Action B (modified PTO/SB/08) APPLICATION NO.: 10/747,855 ATTY. DOCKET NO.: P0633.70014US01 FILING DATE: December 29, 2003 CONFIRMATION NO.: 2748 INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT: Kozhemyakin, et al. GROUP ART UNIT: 1654 EXAMINER: Jeffrey E. Russel Sheet 5 of 6

				<u> </u>				
			OTHER AI	RT NON PATE	NT LITERATURE DO	OCUMENTS		
	Pol	yak, S.				nti-viral therapy in hepatitis C,"		
•	For	Forum Trends in Experimental and Clinical Medicine, No. 10.1, pp. 46-58 (2000).  Raggi, M.A., "Spectrophotometric determination of thiols in human lymphocytes," <i>Pharmazie</i> , Vol.						
	Rag							
			9-242 (1998).					
<b>,</b>	Rag	ggi, M.	A., "Studio della	a cinetica di reazi	one tra Pd (II) e gluta	tione ossidato," Bio. Chim.		
	Pai	тасси	rieo, Vol. 131, 1	No. 8, pp. 318-31	9 (1992)			
						of calcium release to inositol 1,4,5-		
	tris	phosph	ate in permeabi	lized hepactocyte	s," Biochem J., Vol. 2	284, pp. 507-512 (1992).		
						atitis B Infection to Lamivudine,"		
				<i>gy</i> , Vol. 61, pp. 3				
						e-S1 Domain of Hepatitis B Virus,"		
				74, No. 1, pp. 110				
						atment of animal and human cancer		
					<i>nmunomodulators</i> , pp			
				Antioxidants in H	ealth Maintenance," /	Nutrition in Clinical Practice, Vol.		
			-25 (1995)					
•				for Hepatitis B in	n Clinical Practice," J	Journal of Medical Virology, Vol.		
			6-391 (2000).					
					ites by T cells and T of	cell-dervied cytokines," Annu. Rev.		
			Vol. 10, pp. 38.					
				n the Synthesis o	f Cysteine Peptides,"	J. Am. Chem. Soc., Vol. 86, pp.		
			6 (1963).					
						dent DNA synthesis in highly		
					ulated via the CD2 ar	nd CD3 antigens," Proc. Natl. Acad.		
			87, pp. 3343-334					
						factor kb and transcription of		
						ol. 87, pp. 9943-9947 (199).		
				ge Transfer and E	lectronic Mobility," E	Biochemistry, Vol. 58, pp. 2012-		
		4 (196		<del></del>				
						invelope Proteins," Journal of		
				pp. 5066-5074 (2				
					transforming growth	factor alpha," Int. J. Peptide		
				421-432 (1987).			<del></del>	
						uthionine sulphoximine: cancer growth," <i>Biochem. J.</i> , Vol.		
			47-483 (1993).	Sentitar promerat	ion and innibition of (	cancer growth, Blochem. J., vol.		
				accociated Engin	as in Anticoncer D	g Resistance," Cancer Research,	<del></del>	
		v, IX. D	p. 4313-4320 (1	associated Elizyll	nes in Anticancer Dru	ig Resistance, Cancer Research,		
					Quantity of Hangtitia	C Virus RNA," The Journal of		
				181, pp. 844-851		Vitus KIVA, The Journal of		
						ents with GB Virus C/Hepatitis G	-	
	Vir	us (GR	V-C/HGV) RN	A and those with	GBV-C/HGV F2-An	tibody in Patients with		
	He	npohil	ia." Journal of M	Medical Virology	Vol. 60, pp. 34-38 (2	2000)		
						itamin E auf Herzinsuffizienz and		
	ven	trikulä	re Herzrhythum	nsstörngen hei Ps	ntienten mit akutem M	Iyokardinfarkt," Medizinische		
		nik. V∩	l. 94. Suppl III	, pp. 78-80 (1999)	).	yokardiniaiki, wedizinische		

	MAY 3 0 2006	i				
FORM PTC	) 1440/A 261 R (m	odified	1 PTO/SR/08)	APPLICATION NO.: 10/747,855	ATTY. DOCKET NO.: P0633.70014US01	
FORM PTO 1449/A antie (modified PTO/SB/08)  INFORMATION DISCLOSURE  STATEMENT BY APPLICANT				FILING DATE: December 29, 2003	CONFIRMATION NO.: 2748	
				APPLICANT: Kozhemyakin, et a	al.	
Sheet 6 of 6			6	GROUP ART UNIT: 1654	EXAMINER: Jeffrey E. Russel	

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

•1	Westendorp, M. O., et al., "HIV-1 Tat potentiates TNF-induced NF-kB activation and cytotoxicity by altering the cellular redox state," The EMBO Journal, Vol. 14, No. 3, pp. 546-554 (1995).	
v	Whittington, R., et al., "Interleukin-2; A Review of its Pharmacological Properties and Therapeutic Use in Patients with Cancer," Drugs, Vol. 46, No. 3, pp. 446-514 (1993).	
,	Yang, S.H., et al., "Internal Cleavage of Hepatitis C Virus NS3 Protein is Dependent on the Activity of NS34A Protease," Virology, Vol. 268, pp. 132-140 (2000).	
	Yao, N., et al., "Helicase, a target for novel inhibitors of hepatitis C virus," <i>Antiviral Therapy</i> , Vol. 3, pp. 93-97 (1998).	
	International Search Report dated 01/27/1997, PCT/RU96/00226.	
	International Search Report dated 05/27/1997, PCT/RU96/00340.	

EXAMINER:	DATE CONSIDERED:
•	

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]

<sup>#</sup> EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>\*</sup>a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_, filed \_\_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation-in-part, and divisional applications).